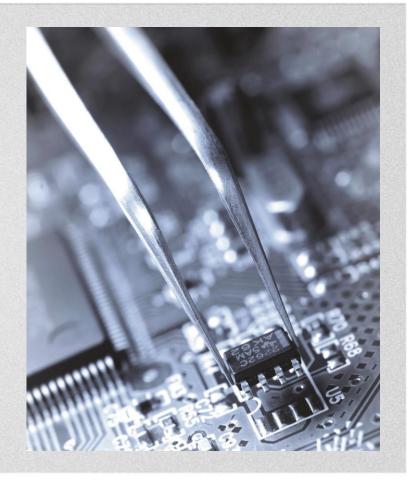
Professional-Technical Education Webinar Series

Introduction

April 20, 2015

Dwight Johnson, State Administrator





PTE 2015 Spring Webinar Schedule

DATE/TIME	TOPIC	AUDIENCE
Mon, April 20, 3 – 4 pm (MT)	Secondary PTE 101 Programs/Finance	Secondary Superintendents, Principals, Administrators
Tues, April 21, 3 – 4 pm (MT)	PTE Advanced Opportunities/ Idaho SkillStack	All PTE Stakeholders
Mon, April 27, 3 – 4 pm (MT)	Postsecondary Alignment Initiative	Postsecondary Administration & Faculty
Tues, April 28, 3 – 4 pm (MT)	Secondary PTE Data Analysis/Performance Measures	Secondary Superintendents, Principals, Administrators
Weds, April 29, 3 – 4 pm (MT)	Postsecondary PTE Data Analysis/Performance Measures	Postsecondary Administration, Registrars, Research Staff



Advanced Opportunities

- New Dual Credit Policy
- SkillStack
 - Competency-Based
 - Micro-certification
 - Industry standards































PTE Alignment

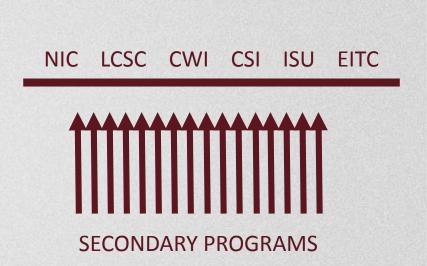
Step 1

Align first semester of postsecondary PTE programs

 10 programs per year, tied to standards development

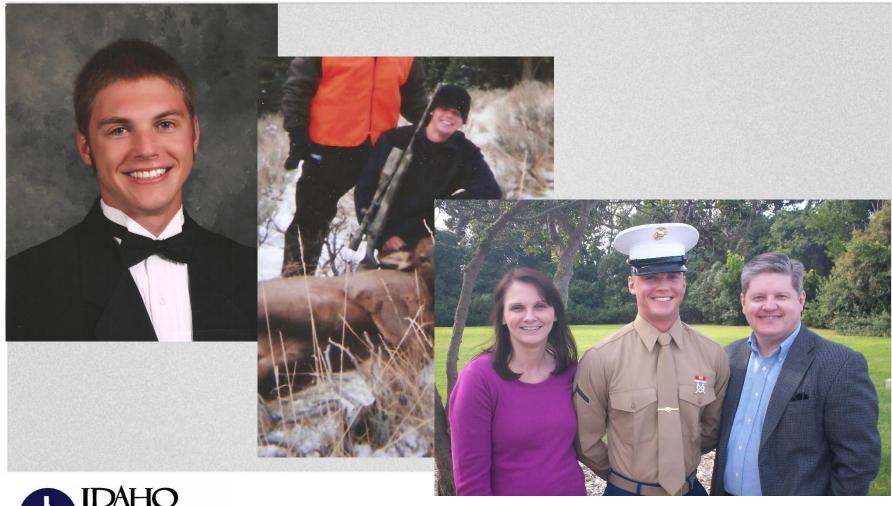
Step 2

Align secondary PTE programs to that first semester...





Why is PTE Important? A Personal Example





REAL SKILLS. REAL CAREERS. REAL WORLD.

www.pte.idaho.gov

Applied Learning and Relevant Education

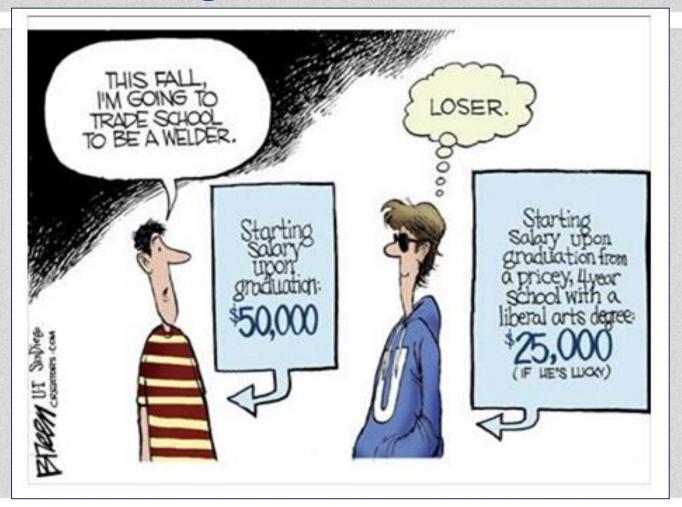
PTE answers the key questions:

Why do I need to know this?

When will I use this?



Communicating the Value of PTE





Successful Return on Investment

Go-to-College Rate

67% of high school PTE program students

53% of Idaho's general high school population

94% of high school PTE students

92% of technical college students

found jobs or continued education

2015 Legislative Success

FY 2016 - PTE Appropriation	6.3% Increase							
Post-Secondary Education								
Advanced Mfg. Initiative Capital Outlay	\$1,002,700 \$184,200							
Secondary Education								
PT School Formula (49% increase) Program Added Cost (20% increase) Ag Initiative	\$1,493,000 \$1,009,400 \$325,000							



Critical Role for Success

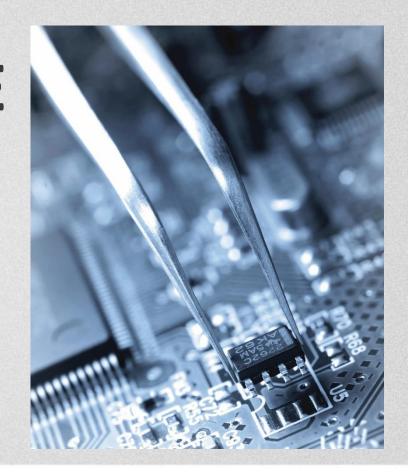




Secondary PTE Programs 101:

Structure, Finance, and the Difference They Make

Kristi Enger | Director of Secondary Education April 20, 2015





ESSENTIAL COMPONENTS OF A SECONDARY PTE PROGRAM





PTE Program Structure

- PTE Program Areas
- Career Clusters
 - Pathways
 - Program of Study
 - → Courses





Career Cluster - www.careertech.org/career.clusters



Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Sample of Career Specialties / Occupations Pa	Operations Specialists Rail Transportation: Transportation Managers (Rail) * Dispatchers (Rail) * Traffic Managers * Locomotive Engineers * Locomotive Firers * Railyard Conductors and Yardmasters * Railyard Engineers, Dinkey Operators, and Hostlers Water Transportation: Transportation Managers (Water) * Dispatchers (Water) * Traffic Managers * Captains * Mates * Pilots of Water Vessels * Sailors and Marine Oilers * Able Seamen * Ordinary Seamen * Ship and Boat Captains * Ship Engineers * Bridge and Lock Tenders Road Transportation Transportation managers (Road) * Dispatchers (Truck/Bus/Taxi) *Traffic Managers * Truck Drivers (Tractor-Trailer) * Truck Drivers (Light or Delivery Services) * Bus Drivers (Transit and Intercity) * School Bus Drivers * Taxi Drivers and Chauffeurs Transit Systems: Transportation Managers (Mass Transit) * Dispatchers (Bus) * Traffic Managers * Dispatchers (Rail) * Traffic Managers * Bus Drivers (Transit and Intercity) * Subway and Streetcar Operators	Logistics Planning and Management	Receiving Clerks * Production, Planning, Expediting Clerks *First-line Supervisors/ Managers of Helpers * Laborers, and Material Movers (Hand) * First- line Supervisors /Managers of Transportation and Material (Moving Machine and Vehicle Operators) *Laborers and Freight, Stock and Material Movers (Hand) * Car, Truck and Ship Loaders * Packers and Packagers-hand Warehousing and Distribution Center	Mobile Equipment: General—Mobile Equipment Maintenance Managers * Electrical and Electronic Installers and Repairers (Transportation Equipment) * Mobile Heavy Equipment Mechanics Air/Space—Aerospace Engineering and Operations Technicians * Aircraft Mechanics and Service Technicians * Airframe Mechanics * Power plant Mechanics * Aircraft Engine Specialists * Avionics Technicians Water—Ship Mechanics and Repairers * Motorboat Mechanics * Automotive/Truck Mechanics and Body Repairers * Rail—Rail Car Repairers * Signal and Track Switch Repairers * Rail Locomotive Mechanics and Repairers Road— Electronic Equipment Installers and Repairers (Motor Vehicle) * Automotive Body and Related Repairers (Motor Vehicle) * Automotive Body and Related Repairers * Automotive Service Technicians and Mechanics * Automotive Master Mechanics * Automotive Master Mechanics * Automotive Specialty Technicians * Bus and Truck Mechanics and Diesel Engine Specialists * Motorcycle Mechanics * Bicycle Repairers Facility and Mobile Equipment Maintenance	Surveying and Mapping Technicians * Government Service Executives * Environmental Compliance Inspectors Air/Space—Air Traffic Controllers * Aviation Inspectors Road— Traffic Engineers * Traffic Technicians * Motor Vehicle Inspectors * Freight Inspectors Rail— Railroad Inspectors Water—Marine Cargo Inspectors * Vessel Traffic Control Specialists Transit— Public Transportation Inspectors Other— Regulators * Inspectors and other federal/state/local transportation agency jobs Transportation Systems/	Environmental Scientists and Specialists * Environmental Science and Protection Technicians * Environmental Managers and Engineers * Environmental Compliance Inspectors * Safety Analysts	/Logistics Services * Reservation, Travel and Transportation Agents * Cargo and Freight Agents * Customer Service Managers * Cashiers, Counter and Rental clerks Sales and Service
Pathways		Services	Operations		Infrastructure Planning, Management, and Regulation	Environmental Management	

Career Read
Practices

The Common Career Technical Core (CCTC) includes a set of standards for each of the 16 Career Clusters™ and their corresponding Career Pathways that define what students should know and be able to do after completing instruction in a program of study. The CCTC also includes an overarching set of Career Ready Practices that apply to all programs of study. The Career Ready Practices include 12 statements that address the knowledge, skills and dispositions that are important to becoming career ready.

PTE Program Essential Components

- Teacher must be certified and hold the appropriate professionaltechnical endorsement
- Classes offered are sequential and incremental for a specific **program** and culminate with a state approved technical skill assessment.
- Program advisory committee represents various aspects of the industry and community
- Leadership development is integral to the program. An approved PTE Student Organization fulfills this requirement.
- Realistic work experience is provided through laboratory and/or industry-related activities.
- Classrooms/laboratories are clean, orderly and safe. Students are provided appropriate safety instruction related to the Program of Study

Programs <u>must</u> meet all of these components to be an "Approved" program.



Types of PTE Secondary Programs



Cluster-Level

- Across Pathways
- Broad exposure career exploration
- Introductory and concentration courses
- Tandem onto joint advisory committee
- Workplace Readiness
- Brief internship or job shadow experience
- TSA = Workplace Readiness Assessment



Pathway-Leve

- Follows a single pathway
- Sequential courses, but abbreviated program
- Own advisory committee
- PTSO Affiliation
- Shorter internship experience
- TSA = state-approved

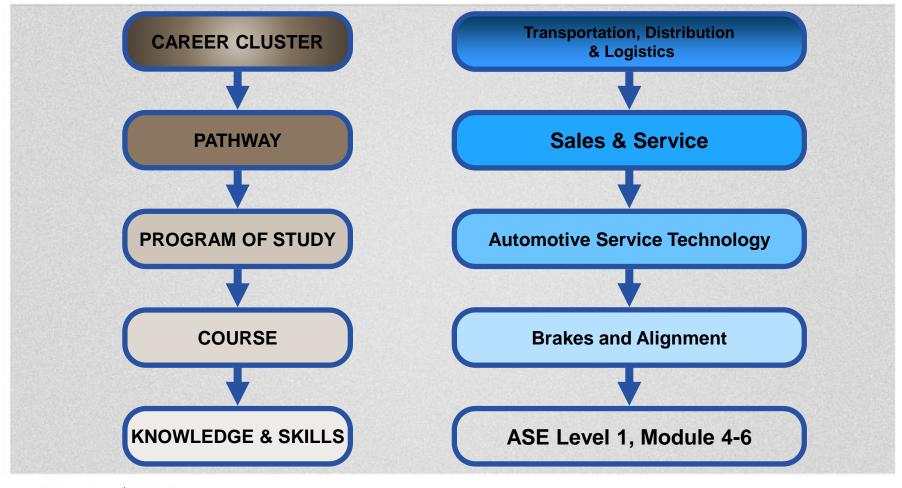


• Follows a single pathway pecialty • Sequential, incremental courses

- Aligns to and satisfies first semester of technical college program
- Share advisory committee with technical college
- PTSO Affiliation
- Internship in related industry under industry conditions
- TSA = state- & technical college- approved

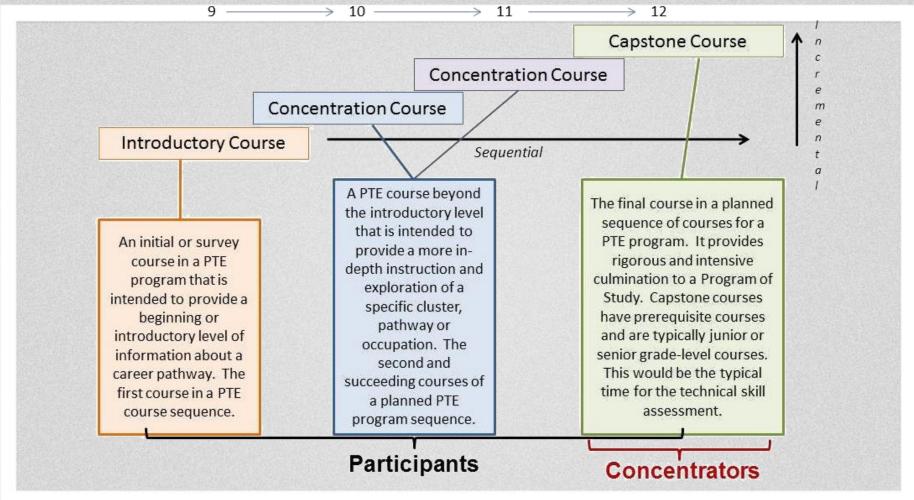


Career Clusters & the Instructional Framework



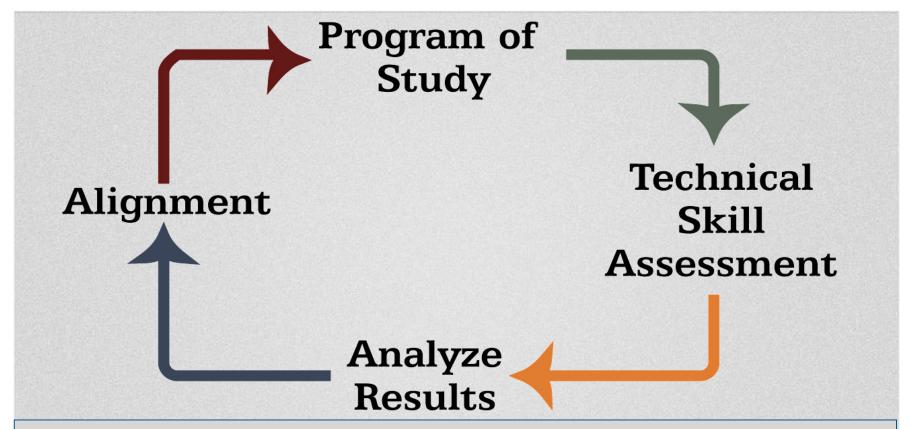


Pathway & Occupational Specialty Program of Study





PTE Program: Continuous Improvement



Quality is never an accident...It is always the result of high intention, sincere effort, intelligent direction, and skillful execution. It represents the wise choice of many alternatives. ~Will Foster



ESTABLISHING, CHANGING, REACTIVATING A SECONDARY PROGRAM



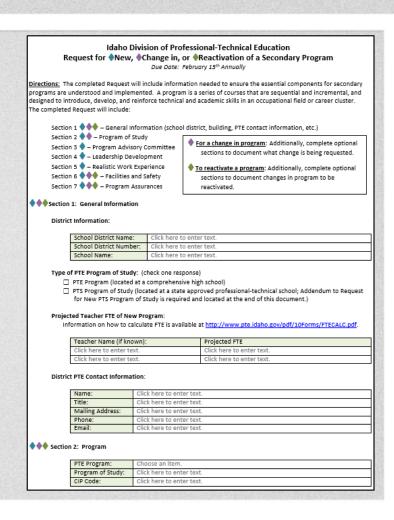




PTE Program Request for New and Existing Programs

Request for Program of Study Form

- Aligned to essential components
- Due to SDPTE by February 15
 - District notification by April 15
- http://www.pte.ldaho.gov/10Forms
 /Forms.html





Local Annual Application

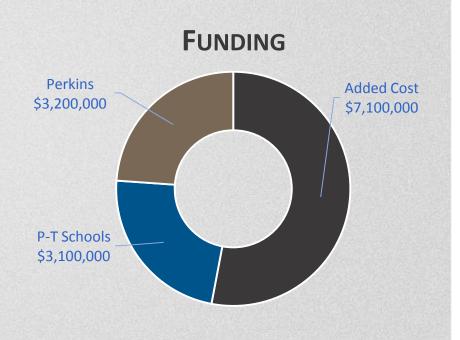
- Formerly known as Forms 10A, 10C, and 10F
 - NOTE: SDPTE is in transition to new data collection system
 - Professional-Technical Education Management System (P-TEMS)
 - Different this year ONLY!!!
- Available February 1; Due to SDPTE April 1
 - Statement of Assurances mailed with original signatures
 - Program Budget Request submitted in online system

http://www.pte.idaho.gov/10Forms/Forms.html



Funding Sources for State-Approved High School Professional-Technical Programs

- Added-Cost Funding
- Professional-Technical School Funding
- Perkins Funding





Added-Cost Funding

Added-Cost Funding

- Occupational Unit Cost for FY2015 = \$17,955
- Funding based on FTE of program instructor(s) converted to funding unit

	FY201	15 P	E :	SECONDA	KY /	ADDED-CO	51 F	KEIMBUI	₹SE	WENI-	UNI	COST	BK	EAKOU			
Occupational Unit Cost \$17,955																	
Reimb Ratio 0.3000		00		0.4000	0.5000			0.6000		0.7000	(0.8000	(0.8354	0.9000		
Unit Cost	\$5,38	7.00	\$ 7,182.00		\$	8,978.00	\$ 10,773.00		\$ 12,569.00		\$ 1	4,364.00	\$ 1	5,000.00	\$16,160.00		
Individuali Occupation Training Program Units		onal	Forestry, Natural Resources, Health Professions, Family and Consumer Sciences, Technology Ed, Law Enforcement Cosmetology Fire Fighting		Marketing Mgmnt, Business Technology, Construction, Electronics, Drafting, Environmental Tech, Media Technologies ~ (TV Production; Photo- graphy, Graphics), Pre-Engineering, Home Tech Integration, Masonry, Cabinet Making, Information Technology		Auto Technology, Auto Body/ Collision Repair, Graphic Comm, Small Engine Rpr		Main Diese	strial tenance, el Mechanics,	Weld		Ag M	cience/Tech lechanics	Precision Machining, Automated Manufacturing		
0.4		,155	\$	2,873	\$	3,591	\$	4,309	\$	5,028	\$	5,746	\$	6,000	\$	6,464	
0.6		,232	\$	4,309	\$	5,387	\$	6,464	\$	7,541	\$	8,618	\$	9,000	\$	9,696	
8.0		,310	\$	5,746	\$	7,182	\$	8,618	-	10,055	\$	11,491	\$	12,000	\$	12,928	
1.0	-	,387	\$	7,182	\$	8,978	\$	10,773	\$	12,569	\$	14,364	\$	15,000	\$	16,160	
1.2		,464	\$	8,618	\$	10,774	\$	12,928	\$	15,083	\$	17,237	\$	18,000	\$	19,392	
1.4		,542	\$	10,055	\$	12,569	\$	15,082	\$	17,597	\$	20,110	\$	21,000	\$	22,624	
1.6		,619	\$	11,491	\$	14,365	\$	17,237	\$	20,110	\$	22,982	\$	24,000	\$	25,856	
1.8		,697	\$	12,928	\$	16,160	\$	19,391	\$	22,624	\$	25,855	\$	27,000	\$	29,088	
2.0		,774	\$	14,364	\$	17,956	\$	21,546	\$	25,138	\$	28,728	\$	30,000	\$	32,320	
2.2	_	,851	\$	15,800	\$	19,752	\$	23,701	\$	27,652	\$	31,601	\$	33,000	\$	35,552	
2.4		,929	\$	17,237	\$	21,547	\$	25,855	\$	30,166	\$	34,474	\$	36,000	\$	38,784	
2.6		,006	\$	18,673	\$	23,343	\$	28,010	\$	32,679	\$	37,346	\$	39,000	\$	42,016	
2.8		,084	\$	20,110	\$	25,138	\$	30,164	\$	35,193	\$	40,219	\$	42,000	\$	45,248	
3.0	\$ 16	.161	\$	21,546	\$	26,934	\$	32,319	\$	37,707	\$	43,092	\$	45,000	\$	48,480	



Added-Cost Funding continued

- 1. Determine schedule columns
- 2. Determine reimbursable classes
 - a. 5 + 1 (prep) = 6 / 12 classes
- 3. Determine FTE
 - a. 6/12 = .50 FTE
- 4. Move to left two columns
- 5. Find .50 FTE in first column range
 - a. Falls between .40 .59
- 6. Corresponding Program Units a. = **0.6**
- 7. Move to Added-Cost Reimbursement table to determine \$ amount

						St	ate of	Id	laho							
				Divisio	n	of Profes	sional	-T	echnical		tic	on				
		_			_	FTE/Pro	gram	Ur	its Maste	r				_		
Teacher Full Time Equivalent (FTE)A6:A	Progra m Units		6 Period Day	FTE		7 Period Day	FTE		Trimest er 5 Period Dav	FTE		8 Period Rollove r	FTE		4 Period A/B Dav	FTE
.0019	0.0		1/12 =	0.08		1/14 =	0.07		1/15 =	0.07		1/16 =	0.06		1/8 =	0.13
.2039	0.4		2/12 =	0.17	ı	2/14 =	0.14		2/15 =	0.13		2/16 =	0.13		2/8 =	0.25
.4059	0.6		3/12 =	0.25	ı	3/14 =	0.21		3/15 =	0.20		3/16 =	0.19		3/8 =	0.38
.6079	0.8		4/12 =	0.33	ı	4/14 =	0.29		4/15 =	0.27		4/16 =	0.25		4/8 =	0.50
.80 - 1.20	1.0		5/12 =	0.42	ı	5/14 =	0.36		5/15 =	0.33		5/16 =	0.31		5/8 =	0.63
1.21 - 1.40	1.2		6/12 =	0.50	ı	6/14 =	0.43		6/15 =	0.40		6/16 =	0.38		6/8 =	0.75
1.41 - 1.60	1.4		7/12 =	0.58	ı	7/14 =	0.50		7/15 =	0.47		7/16 =	0.44		7/8 =	0.88
1.61 - 1.80	1.6		8/12 =	0.67	ı	8/14 =	0.57		8/15 =	0.53		8/16 =	0.50		8/8 =	1.00
1.81 - 2.00	1.8		9/12 =	0.75	ı	9/14 =	0.64		9/15 =	0.60		9/16 =	0.56			
2.01 - 2.20	2.0		10/12 =	0.83		10/14 =	0.71		10/15 =	0.67		10/16 =	0.63		wirrenis () schedule	
2.21 - 2.40	2.2		11/12 =	0.92	1	11/14=	0.79		11/15 =	0.73		11/16 =	0.69		instructor	
2.41 - 2.60	2.4		12/12 =	1.00	1	12/14=	0.86		12/15 =	0.80		12/16 =	0.75		teach F	. –
2.61 - 2.80	2.6				ı	13/14 =	0.93		13/15 =	0.87		13/16 =	0.81		classes at two period	
2.81 - 3.10	2.8				ı	14/14 =	1.00		14/15 =	0.93		14/16 =	0.88		daytore	
3.11 - 3.40	3.0				ı				15/15 =	1.00		15/16 =	0.94		oredit for	
3.41 - 3.70	3.2	1			ı							16/16 =	1.00		Frepara	tion J
3.71 - 4.00	3.4	1														
4.01 - 4.30	3.6	1														
4.31 - 4.60	3.8		FTE is calcul	ated by	div	iding the tot	al numb	er	of reimburse	d classes	by	the total nu	mber of p	per	iods in the s	chool
4.61 - 4.90	4.0								iods in the so	_						
4.91 - 5.20	4.2								that is listed							he
5.21 - 5.50	4.4								for the seme				_			es?
5.51 - 5.90	4.6		I			-	•		eriod day) an							
5.91 - 6.30	4.8															
6.31 - 6.70	5.0			2				ea	ching 2 reim	bursable	cla	asses this se	nester. T	he	prep hour d	oes
6.71 - 7.10	5.2			_		not count (_					
7.11 - 7.50	5.4	l	+	4					ing 50% rein s plus the pre				cond sem	est	ter; and, thu	sgets
7.51 - 7.90	5.6	l		_							+/1	21				
7.91 - 8.30	5.8	l	= Divided	6					sses for the y	ear						
8.31 - 8.80 8.81 - 9.30	6.0		Divided =	.50	-	Total # peri			chool year rted to Progr	am Unite	. Di	rogram Unit	s are used	Ito	calculate +h	e reimh
9.31 - 9.80		l				Program Ur		-				_				
9.31 - 9.80	6.4	L	=	.60		Program Ur	1115		secondary F	riograms	oe.	condary Adde	u cost Fu	ndi	ng/Class Sch	euule F I I



Added-Cost Funding continued

State of Idaho Division of Professional-Technical Education FTE/Program Units Master

				F IE/FIO	gram u	m	its Maste	ı				
Teacher Full Time Equivalent (FTE)A6:A38	Program Units	6 Period Day	FTE	7 Period Day	FTE		Trimest er 5 Period Day	FTE	8 Period Rollover	FTE	4 Period A/B Day	FTE
.0019	0.0	1/12 =	0.08	1/14 =	0.07		1/15 =	0.07	1/16 =	0.06	1/8 =	0.13
.2039	0.4	2/12 =	0.17	2/14 =	0.14		2/15 =	0.13	2/16 =	0.13	2/8 =	0.25
.4059		3/12 =	0.25	3/14 =	0.21		3/15 =	0.20	3/16 =	0.19	3/8 =	0.38
.6079	2.8	4/12 =	0.33	4/14 =	0.29		4/15 =	0.27	4/16 =	0.25	4/8 =	0.50
.80 - 1.20	1.0	5/12 =	0.42	5/14 =	0.36		5/15 =	0.33	5/16 =	0.31	5/8 =	0.63
1.21 - 1.40	1.2	6/12 =	0.50	6/14 =	0.43		6/15 =	0.40	6/16 =	0.38	6/8 =	0.75
1.41 - 1.60	1.4	7/12 =	0.58	7/14 =	0.50		7/15 =	0.47	7/16 =	0.44	7/8 =	0.88
1.61 - 1.80	1.6	8/12 =	0.67	8/14 =	0.57		8/15 =	0.53	8/16 =	0.50	8/8 =	1.00
1.81 - 2.00	1.8	9/12 =	0.75	9/14 =	0.64		9/15 =	0.60	9/16 =	0.56		
2.01 - 2.20	2.0	10/12 =	0.83	10/14 =	0.71		10/15 =	0.67	10/16 =	0.63	With this t	
2.21 - 2.40	2.2	11/12 =	0.92	11/14=	0.79		11/15 =	0.73	11/16 =	0.69	schedule instructor	
2.41 - 2.60	2.4	12/12 =	1.00	12/14=	0.86		12/15 =	0.80	12/16 =	0.75	teach PTE o	
2.61 - 2.80	2.6			13/14 =	0.93		13/15 =	0.87	13/16 =	0.81	at least	two
2.81 - 3.10	2.8			14/14 =	1.00		14/15 =	0.93	14/16 =	0.88	periods per receive cre	-
3.11 - 3.40	3.0						15/15 =	1.00	15/16 =	0.94	the Prepar	
3.41 - 3.70	3.2								16/16 =	1.00	period	d
3.71 - 4.00	3.4											
(A)												MI WAS

Added-Cost Funding continued

FY2015 PTE SECONDARY ADDED-COST REIMBURSEMENT - UNIT COST BREAKOUT

Occupation	al U	nit Cost		\$17,955													
Reimb Ratio	0	.3000		0.4000		0.5000		0.6000		0.7000		0.8000		0.8354	(0.9000	
Unit Cost	\$5,	,387.00	\$	7,182.00	\$ 8,978.00			10,773.00	\$	12,569.00	\$ 1	4,364.00	\$ 1	5,000.00	\$16,160.00		
															Precis		
Program Units		idualized pational ing	Healt Fami Cons Tech Law I Cosn	ral Resources, h Professions, ly and umer Sciences,	Business Technology, Construction, Electronics, Drafting,					Industrial Maintenance, Diesel Mechanics,		ling		cience/Tech lechanics	Machining, Automated Manufacturing		
0.4	\$	2,155	\$	2,873	\$	3,591	\$	4,309	\$	5,028	\$	5,746	\$	6,000	\$	6,464	
₹ 0.6	\$	3,232	\$	4,309	\$	5,387	\$	6,464	\$	7,541	\$	8,618	\$	9,000	\$	9,696	
8.0	\$	4,310	\$	5,746	\$	7,182	\$	8,618	\$	10,055	\$	11,491	\$	12,000	\$	12,928	
1.0	\$	5,387	\$	7,182	\$	8,978	\$	10,773	\$	12,569	\$	14,364	\$	15,000	\$	16,160	
1.2	\$	6,464	\$	8,618	\$	10,774	\$,	\$	15,083	\$	17,237	\$	18,000	\$	19,392	
1.4	\$	7,542	\$	10,055	\$	12,569	\$	15,082	\$	17,597	\$	20,110	\$	21,000	\$	22,624	
1.6	\$	8,619	\$	11,491	\$	14,365	\$		\$	20,110	\$	22,982	\$	24,000	\$	25,856	
1.8	\$	9,697	\$	12,928	\$	16,160	\$ 19,391		\$ 22,624		\$ 25,855		\$ 27,000		\$ 29,088		
2.0	\$	10,774	\$	14,364	\$	\$ 17,956		21,546	\$	25,138	\$	28,728	\$	30,000	\$	32,320	

OTHER SECONDARY-LEVEL NOTES





PTE SUMMER CONFERENCE

Increasing our Return on Investment: Connecting PTE Education to Careers

- July 20-22, 2015
- The Riverside Hotel | Boise, Idaho
 - Registration: \$100 by July 1; \$150 thereafter
 - Use of FY2015 added-cost funds per district business rules
- Watch for Updates
 - http://www.pte.idaho.gov/Summer Conference/Summer Con



PROFESSIONAL-TECHNICAL EDUCATION MANAGEMENT SYSTEM (P-TEMS)

Opportunities for Training

- PTE Summer Conference
 - July 20-22, 2015
 - The Riverside Hotel, Boise, Idaho
- Multiple Webinars
 - Available August 2015



Who's Who at PTE?

Contact Information

Handout



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Adrian SanMiguel | Career Guidance and

Shelly Newby | Office Specialist II

Amelia Valasek | ABE Program Manager

Valerie Patten | Office Specialist II

Shannon Spencer | Office Specialist II

Transition Coordinator

PTE Awards

208.429.5541

208.429.5518

208.429.5547



67% of Idaho PTE high school concentrators enroll in college as compared to 53% of the general student population

Thank You for Joining Us!





Contact Idaho Professional-Technical Education

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